



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Anatomy of Genital Tract in Domestic Animals							
Course Code		VST501		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To give information about anatomy of genitals in domestic animals							
Course Content		Anatomy of male and female genitals, difference in anatomy of genitals between species, pathologies and abnormalities in genital anatomy, effects of genital anatomy on fertility and artificial insemination							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Prof. İler SERİN							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Assignment	5	20

Recommended or Required Reading

1	Alaçam E.: Evcil Hayvanlarda Reprodüksiyon, Suni Tohumlama, Doğum ve İnfertilite. First Edition, Konya, 1994.
2	Hafez E.S E., Hafez B. (2000) Reproduction in Farm Animals. Lippincott Williams & Wilkins, Philadelphia

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomy of genital tract in females
2	Theoretical	Anatomy of genital tract in female ruminants
3	Theoretical	Anatomy of genitals in mares
4	Theoretical	Anatomy of genitals in bitches
5	Theoretical	Anatomy of genitals in female cats
7	Theoretical	Abnormalities of genitals
8	Intermediate Exam	Midterm exam
9	Theoretical	Anatomy of genitals in males
10	Theoretical	Anatomy of genitals in stallions
11	Theoretical	Anatomy of genitals in bulls
12	Theoretical	Anatomy of genitals in male dogs
13	Theoretical	Anatomy of genitals in male cats
15	Theoretical	Male accessory glands and their functions
16	Theoretical	Final term exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	0	6	30
Reading	14	0	2	28
Midterm Examination	1	14	1	15
Final Examination	1	22	2	24
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	to be able to analyse anatomy of genitals in domestic animals
2	to be able to define male and female genital anatomies



3	to be able to identify the differences between genitals of different species
4	to be able to recognize the importance of genital anatomy in terms of artificial insemination
5	to be able to define the effects of genital anatomy on reproduction in domestic animals

Programme Outcomes (*Reproduction and Artificial Insemination (Veterinary Medicine) Master*)

1	To get knowledge about Reproduction and Artificial Insemination with theoretical lessons and practise
2	To get knowledge about reproductive systems of animals, reproductive organs and functions of these organs
3	To get knowledge about reproductive physiology of male and female animals, reproductive endocrinology, synchronisations and reproductive health
4	To get experience about diagnosis of oestrus, proper insemination time and method
5	To get experience to join reproductive scientific research, to follow scientific advances own field. To transfer all these experiences and knowledge to students and society
6	To gain ability to reach scientific references, to plan an experiment, study this experiment, evaluation of experimental results and compare this result similar experimental result
7	To get experience about cryopreservation and short term storage of sperm, examination of sperm
8	To get knowledge about reproductive biotechnology (artificial insemination, in-vitro fertilisation, freezing of sperm and embryo, embryo transfer, laparoscopic insemination). To Contribute and advance to science
9	To get knowledge about infertility, diagnosis of infertility, treatment of infertility in domestic animals especially commercial farms

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L3	L4	L5
P1	5	3	5	
P2	3	5	5	5
P3		4	4	5
P4		5	5	4
P8	3	4	4	4
P9	4	5	4	4

